

11/01/01  
jc542 U.S. PTO

01.09.02

A

jc872 U.S. PTO  
10/040738

11/01/01

Please type a plus sign (+) inside this box 

PTO/SB/05 (03-01)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>UTILITY PATENT APPLICATION TRANSMITTAL</b>  (Only for new nonprovisional applications under 37 CFR 1.53(b))		<b>Attorney Docket No.</b>	6731-01
		<b>First Inventor</b>	Keiji Nakahara
		<b>Title</b>	METHOD OF MANUFACTURING LIGHTWEIGHT HIGH-STRENGTH MEMBER
		<b>Express Mail Label No.</b>	EL701911807US

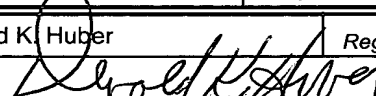
<b>APPLICATION ELEMENTS</b> <i>See MPEP chapter 600 concerning utility patent application contents.</i>	<b>ADDRESS TO:</b> Assistant Commissioner for Patents Box Patent Application Washington, DC 20231
1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i>	7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i>
2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.	8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i>
3. <input checked="" type="checkbox"/> Specification [Total Pages <b>20</b> ] <i>(preferred arrangement set forth below)</i> <ul style="list-style-type: none"><li>- Descriptive title of the invention</li><li>- Cross Reference to Related Applications</li><li>- Statement Regarding Fed sponsored R &amp; D</li><li>- Reference to sequence listing, a table, or a computer program listing appendix</li><li>- Background of the Invention</li><li>- Brief Summary of the Invention</li><li>- Brief Description of the Drawings <i>(if filed)</i></li><li>- Detailed Description</li><li>- Claim(s)</li><li>- Abstract of the Disclosure</li></ul>	a. <input type="checkbox"/> Computer Readable Form (CRF)
4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets <b>6</b> ]	b. Specification Sequence Listing on: <ul style="list-style-type: none"><li>i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or</li><li>ii. <input type="checkbox"/> paper</li></ul>
5. Oath or Declaration [Total Pages <b>3</b> ] <ul style="list-style-type: none"><li>a. <input checked="" type="checkbox"/> Newly executed (original or copy) Copy from a prior application (37 CFR 1.63 (d))</li><li>b. <input type="checkbox"/> <i>(for continuation/divisional with Box 18 completed)</i></li><li>i. <input type="checkbox"/> <b>DELETION OF INVENTOR(S)</b> Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</li></ul>	c. <input type="checkbox"/> Statements verifying identity of above copies
6. <input type="checkbox"/> Application Data Sheet. See 37 CFR 1.76	<b>ACCOMPANYING APPLICATION PARTS</b>
	9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))
	10. <input type="checkbox"/> 37 CFR 3.73(b) Statement <input checked="" type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i>
	11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i>
	12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations
	13. <input checked="" type="checkbox"/> Preliminary Amendment
	14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i>
	15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i>
	16. <input type="checkbox"/> Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
	17. <input type="checkbox"/> Other: _____

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_  
Prior application information: Examiner: \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

<b>19. CORRESPONDENCE ADDRESS</b>					
<input type="checkbox"/> Customer Number or Bar Code Label			<input checked="" type="checkbox"/> Correspondence address below		
(Insert Customer No. or Attach bar code label here)					
<b>Name</b>	McCormick, Paulding & Huber				
<b>City</b>	City Place II				
<b>Address</b>	185 Asylum Street				
<b>City</b>	Hartford	<b>State</b>	CT	<b>Zip Code</b>	06103-3402
<b>Country</b>	USA	<b>Telephone</b>	860.549.5290	<b>Fax</b>	860.527.0464

<b>Name (Print/Type)</b>	Donald K. Huber	<b>Registration No. (Attorney/Agent)</b>	18,686
<b>Signature</b>		<b>Date</b>	November 1, 2001

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**FEE TRANSMITTAL**  
**for FY 2002**

Patent fees are subject to annual revision.

**TOTAL AMOUNT OF PAYMENT** (\$) **910.00****Complete if Known**

Application Number	
Filing Date	
First Named Inventor	Keiji Nakahara
Examiner Name	
Group Art Unit	
Attorney Docket No.	6731-01

**METHOD OF PAYMENT**

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number	13-0235
Deposit Account Name	McCormick, Paulding & Huber LLP

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- 
- ☐
- Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☒
- Payment Enclosed:**

☒ Check    ☐ Credit card    ☐ Money Order    ☐ Other
**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
101	740	201	370	Utility filing fee	740.00
106	330	206	165	Design filing fee	
107	510	207	255	Plant filing fee	
108	740	208	370	Reissue filing fee	
114	160	214	80	Provisional filing fee	

**SUBTOTAL (1)** (\$) **740.00****2. EXTRA CLAIM FEES**

Total Claims		Extra Claims		Fee from below		Fee Paid	
4	-20** =	0	X		=		
1	-3** =	0	X		=		
Multiple Dependent				0.00	=	0.00	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
103	18	203	9	Claims in excess of 20
102	84	202	42	Independent claims in excess of 3
104	280	204	140	Multiple dependent claim, if not paid
109	84	209	42	** Reissue independent claims over original patent
110	18	210	9	** Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2)** (\$) **0.00**

\*\*or number previously paid, if greater; For Reissues, see above

**FEE CALCULATION (continued)****3. ADDITIONAL FEES**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
105	130	205	65	Surcharge - late filing fee or oath	
127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
139	130	139	130	Non-English specification	
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination	
112	920*	112	920*	Requesting publication of SIR prior to Examiner action	
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action	
115	110	215	55	Extension for reply within first month	
116	400	216	200	Extension for reply within second month	
117	920	217	460	Extension for reply within third month	
118	1,440	218	720	Extension for reply within fourth month	
128	1,960	228	980	Extension for reply within fifth month	
119	320	219	160	Notice of Appeal	
120	320	220	160	Filing a brief in support of an appeal	
121	280	221	140	Request for oral hearing	
138	1,510	138	1,510	Petition to institute a public use proceeding	
140	110	240	55	Petition to revive - unavoidable	
141	1,280	241	640	Petition to revive - unintentional	
142	1,280	242	640	Utility issue fee (or reissue)	
143	460	243	230	Design issue fee	
144	620	244	310	Plant issue fee	
122	130	122	130	Petitions to the Commissioner	130.00
123	50	123	50	Processing fee under 37 CFR 1.17(q)	
126	180	126	180	Submission of Information Disclosure Stmt	
581	40	581	40	Recording each patent assignment per property (times number of properties)	40.00
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))	
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))	
179	740	279	370	Request for Continued Examination (RCE)	
169	900	169	900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

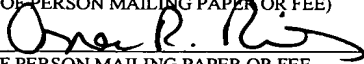
\*Reduced by Basic Filing Fee Paid

**SUBTOTAL (3)** (\$) **170.00****SUBMITTED BY**

Name (Print/Type)	Donald K. Huber	Registration No. (Attorney/Agent)	18,686	Telephone	860-549-4290
Signature	<i>Donald K. Huber</i>	Date	11/01/2001		

**WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

"EXPRESS MAIL" MAILING LABEL  
 NUMBER EL701911807US  
 DATE OF DEPOSIT November 1, 2001  
 I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING  
 DEPOSITED WITH THE UNITED STATES POSTAL SERVICE  
 "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER  
 37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE AND IS  
 ADDRESSED TO THE COMMISSIONER OF PATENTS AND  
 TRADEMARKS, WASHINGTON, D.C. 20231  
Ana R. Rivera  
 (TYPED NAME OF PERSON MAILING PAPER OR FEE)  
  
 (SIGNATURE OF PERSON MAILING PAPER OR FEE)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the Application of )  
 )  
 Keiji Nakahara et al. )  
 )  
 on METHOD OF MANUFACTURING )  
 LIGHTWEIGHT HIGH-STRENGTH MEMBER )  
 )  
 Serial No.: *Not yet assigned* )  
 )  
 Filed: Simultaneously herewith ) (Our Docket No. 6731-01)

Hartford, Connecticut, November 1, 2001

Box Patent Application  
 Assistant Commissioner for Patents  
 Washington, DC 20231

PETITION TO PERMIT COLOR PHOTOGRAPHS

01/14/2002 AOSMAN1 00000017 10040738

02 FC:122

130.00 OP

UNDER 37 CFR 1.84(b)(1)

SIR:

Applicants hereby petition pursuant to 37 CFR 1.84(b)(1&2), 37 CFR 1.84(a)(2), and other applicable authority, that they be permitted to use certain color photographs, and/or true photocopies thereof, as formal drawings in the above-referenced patent application. The involved drawings are those containing Figs. 4A, 4B, 4C, 5A, 5B, 5C, 6, 7, and 8.

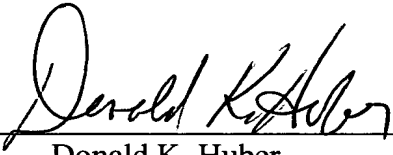
10040738-110101

In support of said petition, Applicants would point out that the subject matter of the color photographs comprising Figs. 4A, 4B, 4C, 5A, 5B, 5C, 6, 7, and 8 are microphotographs showing microstructures of metals which are important to an understanding of the invention, and are microphotographs which are of sufficient quality so that all details are reproducible in black and white in an issued printed patent, as evidenced by the drawings of the corresponding Japanese priority application no. 2000-335713 filed concurrently herewith.

A check for \$130.00 is enclosed in accordance with the requirements of 37 CFR 1.17(h)) and is believed sufficient for the filing and handling of the instant petition.

Please charge our Deposit Account No. 13-0235 for any deficiencies in fees associated with the filing of the instant petition.

Respectfully submitted,

By   
Donald K. Huber  
Registration No. 18,686  
Attorney for Applicants

McCormick, Paulding & Huber LLP  
CityPlace II  
185 Asylum Street  
Hartford, Connecticut 06103-3402  
(860) 549-5290